

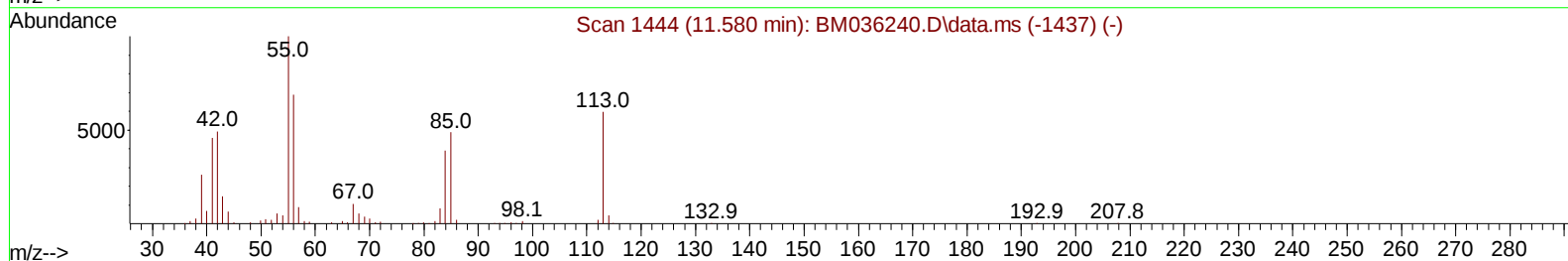
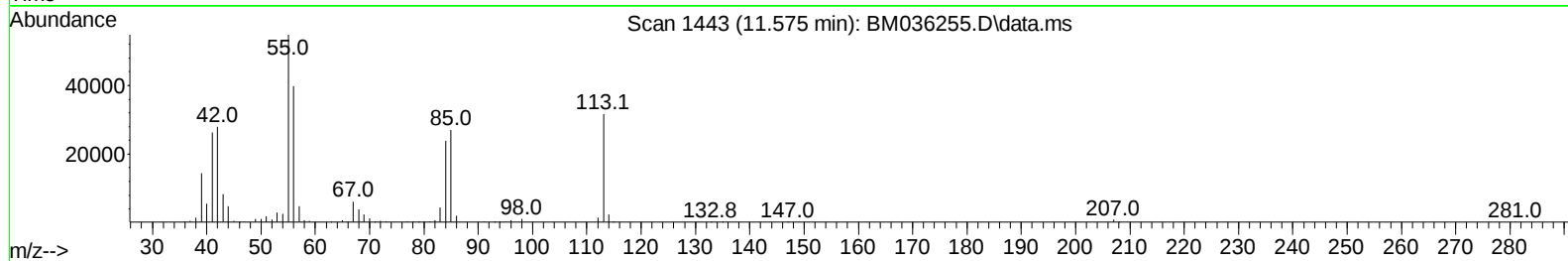
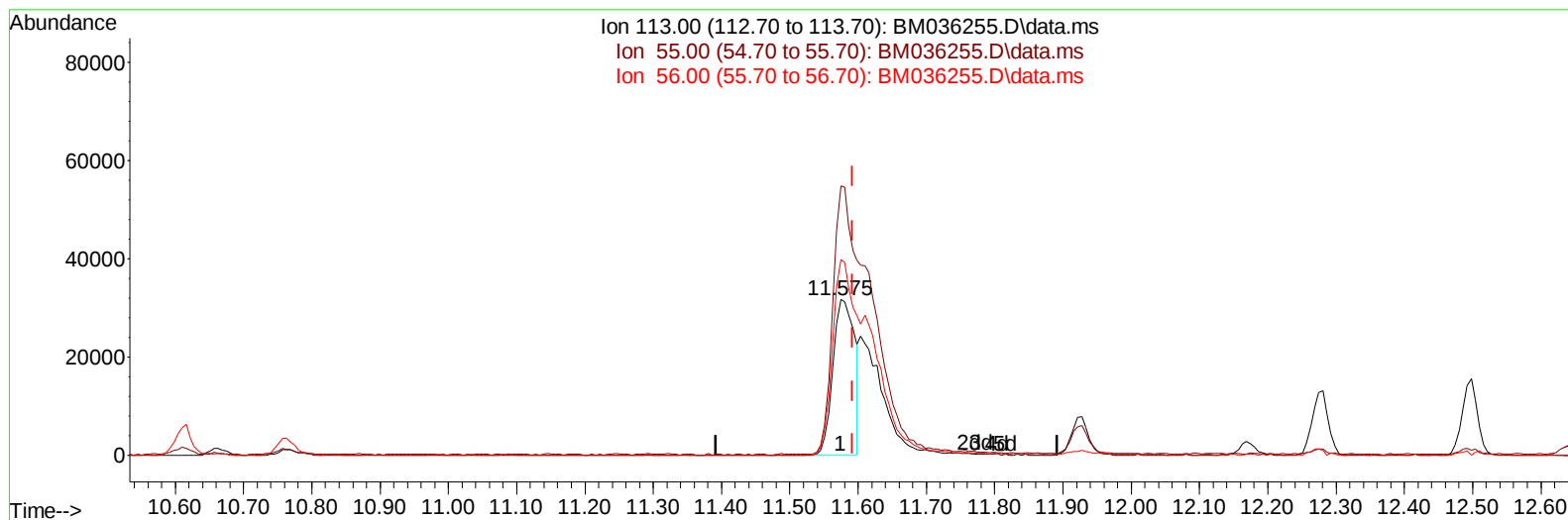
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081222\  
Data File : BM036255.D  
Acq On : 13 Aug 2022 06:45  
Operator : CG/JU  
Sample : PB146838BS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SLCS838

Manual IntegrationsAPPROVED

Quant Time: Aug 13 07:17:01 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM072522.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 12 11:23:11 2022  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/13/2022  
Supervised By :Sohil Jodhani 08/13/2022



TIC: BM036255.D\data.ms

(34) Caprolactam

11.575min (-0.018) 16.59 ng/ul

response 69758

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 187.80 | 172.76 |
| 56.00  | 127.60 | 125.60 |
| 0.00   | 0.00   | 0.00   |

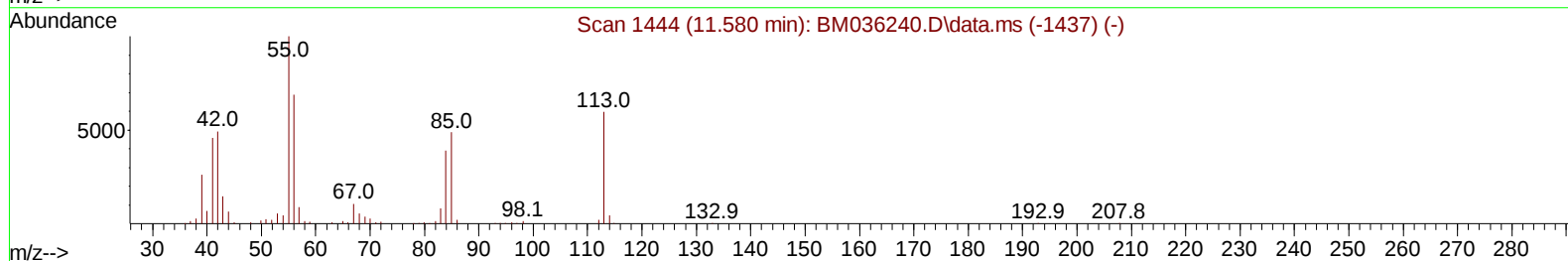
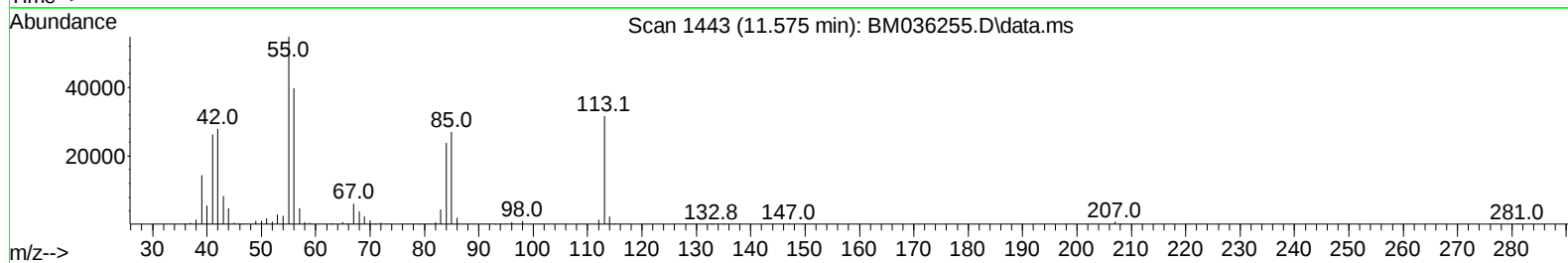
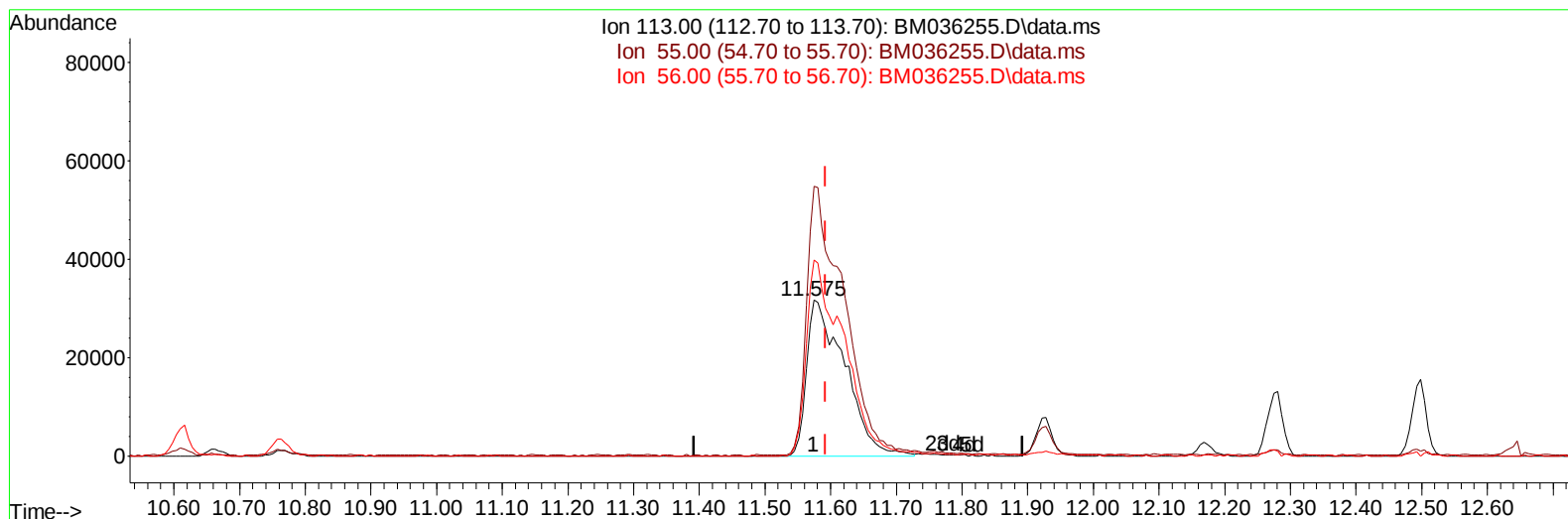
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081222\  
Data File : BM036255.D  
Acq On : 13 Aug 2022 06:45  
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ALS Vial : 33 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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QLast Update : Fri Aug 12 11:23:11 2022  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/13/2022  
Supervised By :Sohil Jodhani 08/13/2022



TIC: BM036255.D\data.ms

(34) Caprolactam

11.575min (-0.018) 30.35 ng/ul m

response 127598

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 187.80 | 172.76 |
| 56.00  | 127.60 | 125.60 |
| 0.00   | 0.00   | 0.00   |

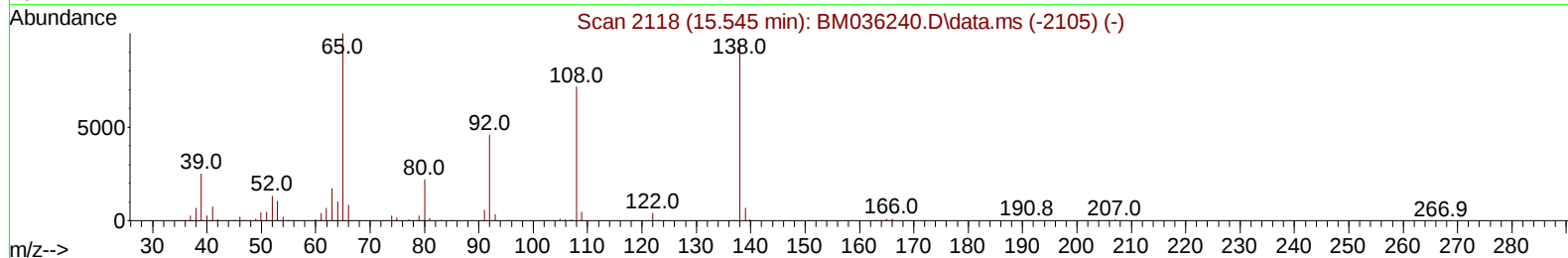
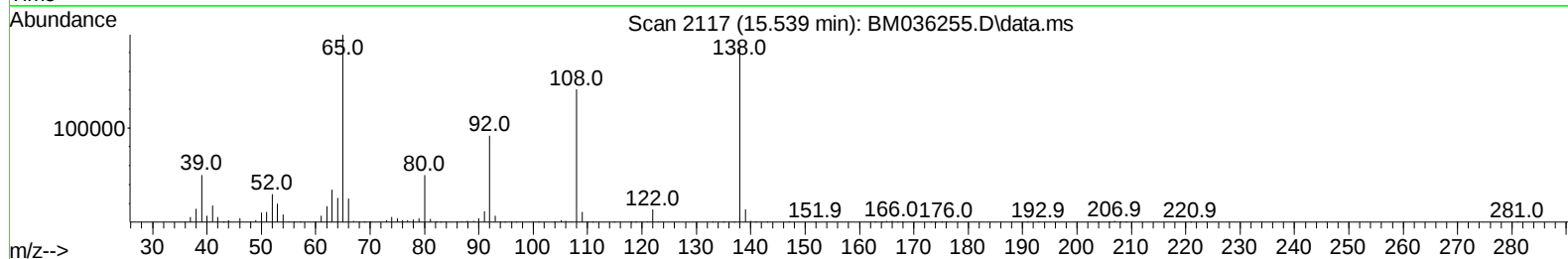
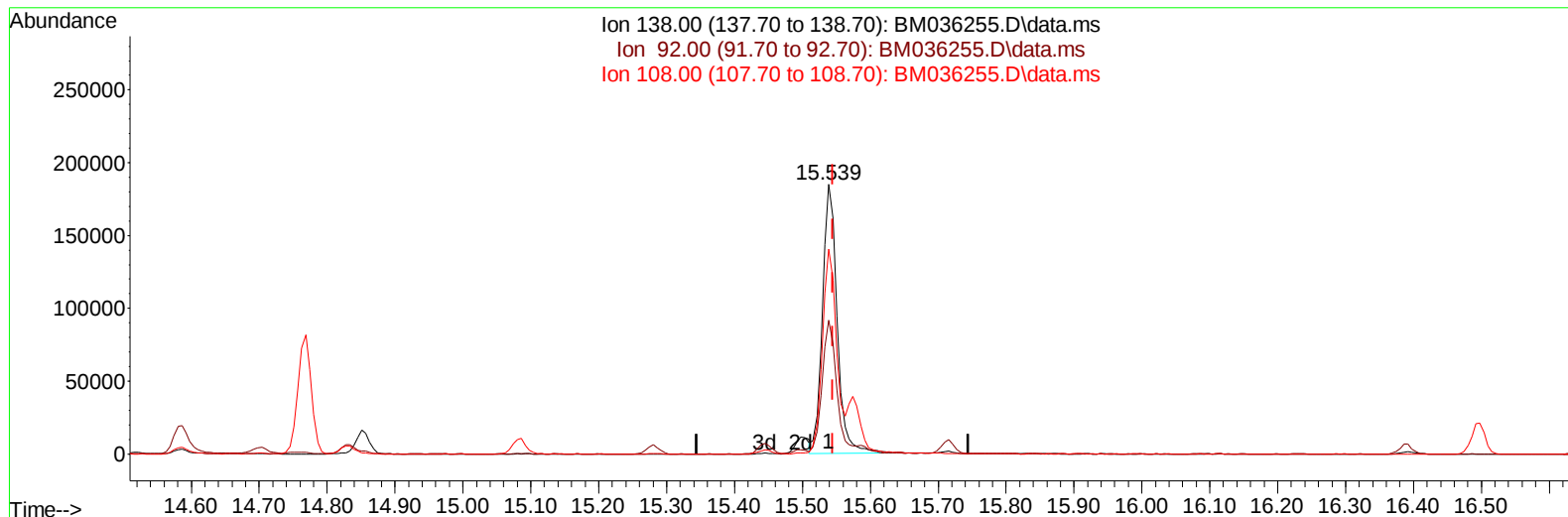
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081222\  
Data File : BM036255.D  
Acq On : 13 Aug 2022 06:45  
Operator : CG/JU  
Sample : PB146838BS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SLCS838

Manual IntegrationsAPPROVED

Quant Time: Aug 13 07:17:01 2022  
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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 12 11:23:11 2022  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/13/2022  
Supervised By :Sohil Jodhani 08/13/2022



TIC: BM036255.D\data.ms

(63) 4-Nitroaniline

15.539min (-0.006) 39.08 ng/ul

response 276559

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 49.00  | 49.58  |
| 108.00 | 64.50  | 75.99  |
| 0.00   | 0.00   | 0.00   |

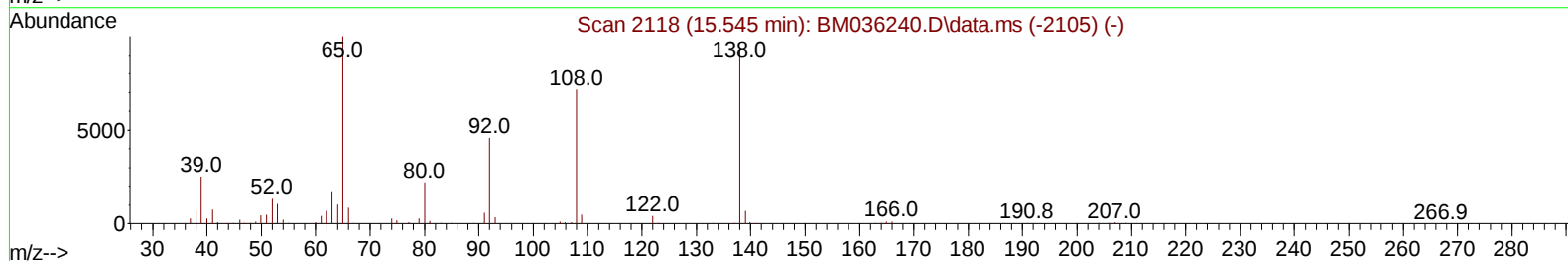
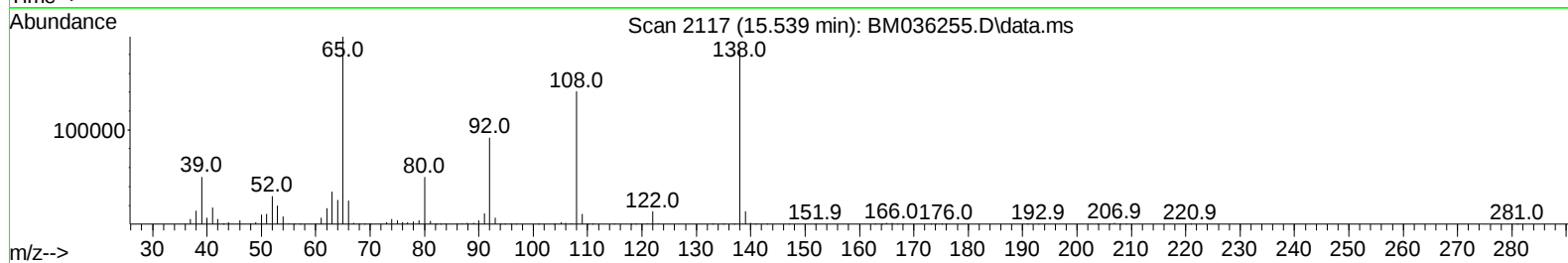
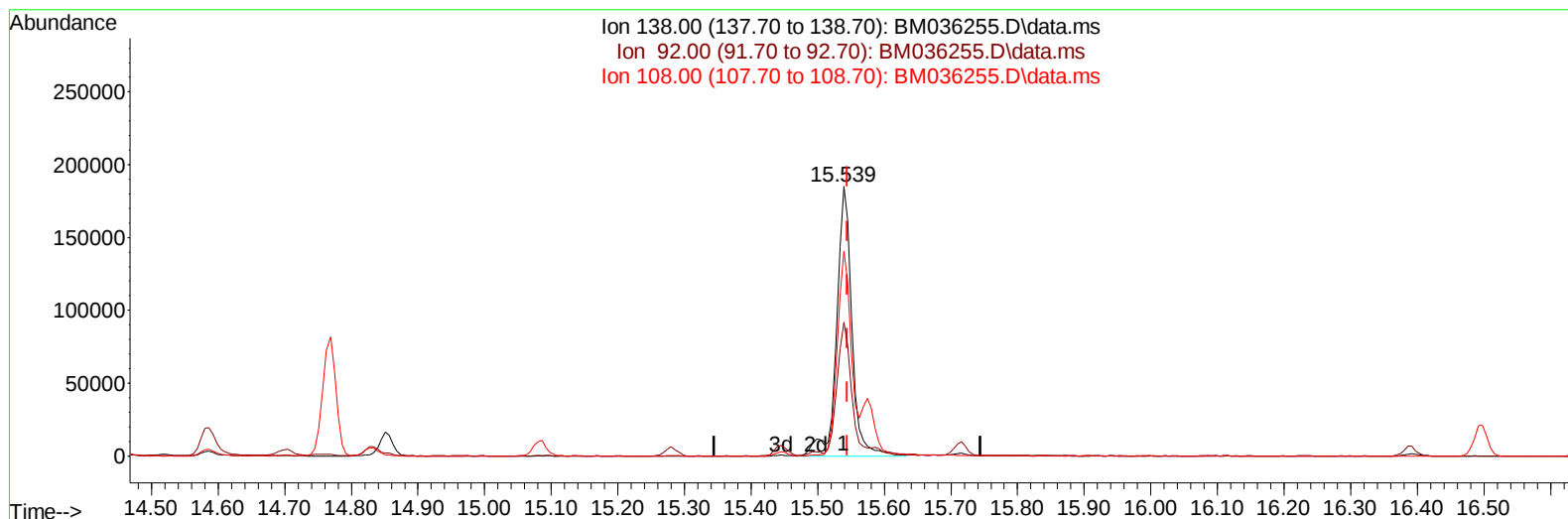
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081222\  
 Data File : BM036255.D  
 Acq On : 13 Aug 2022 06:45  
 Operator : CG/JU  
 Sample : PB146838BS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS838

Manual IntegrationsAPPROVED

Quant Time: Aug 13 07:17:01 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 12 11:23:11 2022  
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Reviewed By :Yogesh Patel 08/13/2022  
 Supervised By :Sohil Jodhani 08/13/2022



TIC: BM036255.D\data.ms

**(63) 4-Nitroaniline**

**15.539min (-0.006) 41.88 ng/ul m**

**response 296407**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 49.00  | 49.58  |
| 108.00 | 64.50  | 75.99  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081222\  
 Data File : BM036255.D  
 Acq On : 13 Aug 2022 06:45  
 Operator : CG/JU  
 Sample : PB146838BS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS838

Manual IntegrationsAPPROVED

Quant Time: Aug 13 07:17:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM072522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 12 11:23:11 2022  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/13/2022  
 Supervised By :Sohil Jodhani 08/13/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.810  | 152  | 206773   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.610 | 136  | 877798   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.451 | 164  | 511363   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 1074761  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.380 | 240  | 1126515  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.715 | 264  | 1176112  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.216  | 96   | 34903    | 6.352  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.640  | 84   | 450771   | 29.944 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.998  | 99   | 569233   | 32.828 | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.151  | 67   | 340836   | 29.485 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.345  | 132  | 467746   | 32.498 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.540  | 113  | 431784   | 30.738 | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 8.981  | 128  | 222865   | 32.040 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.698  | 143  | 231181   | 34.114 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.245 | 165  | 408674   | 33.343 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.763 | 131  | 592912   | 28.575 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.874 | 166  | 1169458  | 33.573 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.145 | 160  | 1497457  | 33.694 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.686 | 143  | 238129   | 33.291 | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.445 | 176  | 1053353  | 33.465 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.574 | 200  | 196694   | 34.047 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.298 | 188  | 1631066  | 33.568 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.592 | 212  | 1938634  | 31.051 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.562 | 264  | 2041194  | 34.185 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.252  | 88   | 69354    | 12.179 | ng/uL  | 91       |
| 5) Pyridine                   | 3.658  | 79   | 444949   | 28.166 | ng/ul  | 90       |
| 6) Benzaldehyde               | 6.957  | 77   | 300712   | 41.320 | ng/ul  | 94       |
| 8) Phenol                     | 7.028  | 94   | 573122   | 30.203 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.245  | 93   | 441984   | 28.972 | ng/ul  | 96       |
| 12) 2-Chlorophenol            | 7.381  | 128  | 461154   | 31.233 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.275  | 108  | 415508   | 29.311 | ng/ul  | 94       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.345  | 45   | 563414   | 27.979 | ng/ul  | 98       |
| 16) Acetophenone              | 8.645  | 105  | 661180   | 29.316 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.628  | 70   | 319934   | 28.446 | ng/ul  | 95       |
| 18) 4-Methylphenol            | 8.604  | 108  | 452181   | 29.734 | ng/ul  | 99       |
| 19) Hexachloroethane          | 8.887  | 117  | 183789   | 30.170 | ng/ul  | 92       |
| 22) Nitrobenzene              | 9.022  | 77   | 482234   | 30.296 | ng/ul  | 99       |
| 23) Isophorone                | 9.551  | 82   | 880035   | 29.289 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.734  | 139  | 241159   | 32.076 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 9.804  | 107  | 460132   | 29.951 | ng/ul  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.034 | 93   | 552944   | 29.179 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.275 | 162  | 398771   | 31.346 | ng/ul  | 98       |
| 30) Naphthalene               | 10.663 | 128  | 1419717  | 30.642 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.786 | 127  | 541680   | 26.280 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.939 | 225  | 234460   | 29.854 | ng/ul  | 98       |
| 34) Caprolactam               | 11.575 | 113  | 127598m  | 30.349 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.922 | 107  | 421897   | 31.894 | ng/ul  | 97       |

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 Sample : PB146838BS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Aug 13 07:17:01 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 12 11:23:11 2022  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/13/2022  
 Supervised By :Sohil Jodhani 08/13/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.275 | 142  | 913274   | 30.128 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.498 | 142  | 924064   | 30.243 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.645 | 216  | 437925   | 30.085 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.616 | 237  | 216436   | 22.325 | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.892 | 196  | 293475   | 31.505 | ng/ul  | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.975 | 196  | 319134   | 32.107 | ng/ul  | 100      |
| 43) 1,1'-Biphenyl             | 13.292 | 154  | 1190366  | 30.244 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.333 | 162  | 934835   | 30.948 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.551 | 65   | 276450   | 33.197 | ng/ul  | 98       |
| 47) Dimethylphthalate         | 13.922 | 163  | 1128128  | 32.198 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.045 | 165  | 229746   | 33.027 | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.174 | 152  | 1552407  | 31.576 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.374 | 138  | 270586   | 35.197 | ng/ul  | 99       |
| 52) Acenaphthene              | 14.516 | 153  | 994789   | 31.189 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.586 | 184  | 119738   | 30.316 | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.704 | 109  | 174188   | 31.840 | ng/ul  | 85       |
| 56) Dibenzofuran              | 14.851 | 168  | 1415461  | 32.074 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.827 | 165  | 341914   | 34.869 | ng/ul# | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.086 | 232  | 252547   | 32.339 | ng/ul# | 95       |
| 59) Diethylphthalate          | 15.280 | 149  | 1159596  | 32.720 | ng/ul  | 99       |
| 61) Fluorene                  | 15.504 | 166  | 1144732  | 31.754 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.498 | 204  | 530616   | 30.720 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.539 | 138  | 296407m  | 41.880 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.592 | 198  | 188145   | 32.546 | ng/ul  | 97       |
| 67) N-Nitrosodiphenylamine    | 15.716 | 169  | 959937   | 30.381 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.392 | 248  | 310929   | 29.510 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.498 | 284  | 388051   | 30.227 | ng/ul  | 100      |
| 70) Atrazine                  | 16.668 | 200  | 271385   | 24.763 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.851 | 266  | 213675   | 27.244 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.239 | 178  | 1835445  | 31.863 | ng/ul  | 99       |
| 74) Anthracene                | 17.333 | 178  | 1858257  | 32.149 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.251 | 216  | 437204   | 26.159 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.769 | 250  | 434598   | 28.686 | ng/uL  | 100      |
| 77) Carbazole                 | 17.610 | 167  | 1781488  | 33.370 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.168 | 149  | 1965030  | 32.623 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.256 | 202  | 2185234  | 29.295 | ng/ul  | 98       |
| 82) Pyrene                    | 19.615 | 202  | 2291568  | 29.805 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.521 | 149  | 910124   | 32.546 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.303 | 252  | 802318   | 38.595 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.362 | 228  | 2268892  | 31.999 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.292 | 149  | 1306828  | 32.343 | ng/ul# | 98       |
| 87) Chrysene                  | 21.415 | 228  | 2211014  | 31.959 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.197 | 149  | 2251405  | 29.643 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.003 | 252  | 2459435  | 31.334 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.050 | 252  | 2268309  | 30.454 | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 23.609 | 252  | 2375484  | 31.774 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.138 | 276  | 2777865  | 34.859 | ng/ul  | 94       |
| 95) Dibenzo(a,h)anthracene    | 26.150 | 278  | 2386639  | 34.909 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 26.880 | 276  | 2354480  | 35.654 | ng/ul  | 96       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**

BNA\_M

**ClientSampleId :**

SLCS838

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/13/2022  
Supervised By :Sohil Jodhani 08/13/2022

